

O I P E  
P A T E N T & T R A D E M A R K S  
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PTO/SB/21 (04-04)
**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

13.

|                                          |                    |
|------------------------------------------|--------------------|
| Application Number                       | 10/633,015         |
| Filing Date                              | July 31, 2003      |
| First Named Inventor                     | PAVLOVSKAIA, ELENA |
| Art Unit                                 | Unassigned         |
| Examiner Name                            | Unassigned         |
| Total Number of Pages in This Submission | 13.                |
| Attorney Docket Number                   | 018563-002920US    |

**ENCLOSURES (Check all that apply)**

- |                                                                                   |                                                                            |                                                                                         |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form                                     | <input type="checkbox"/> Drawing(s)                                        | <input type="checkbox"/> After Allowance Communication to Technology Center (TC)        |
| <input type="checkbox"/> Fee Attached                                             | <input type="checkbox"/> Licensing-related Papers                          | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply                                          | <input type="checkbox"/> Petition                                          | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                              | <input type="checkbox"/> Petition to Convert to a Provisional Application  | <input type="checkbox"/> Proprietary Information                                        |
| <input type="checkbox"/> Affidavits/declaration(s)                                | <input type="checkbox"/> Power of Attorney, Revocation                     | <input type="checkbox"/> Status Letter                                                  |
| <input type="checkbox"/> Extension of Time Request                                | <input type="checkbox"/> Change of Correspondence Address                  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                              | <input type="checkbox"/> Terminal Disclaimer                               | <input type="checkbox"/> Return Postcard                                                |
| <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement | <input type="checkbox"/> Request for Refund                                | <input type="checkbox"/> Fee Authorization ( See IDS page 2)                            |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                   | <input checked="" type="checkbox"/> CD, Number of CD(s) (Reference Copies) |                                                                                         |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application        |                                                                            |                                                                                         |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53      |                                                                            |                                                                                         |

Remarks      The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                         |                                    |                 |
|-------------------------|------------------------------------|-----------------|
| Firm or Individual name | Townsend and Townsend and Crew LLP | Reg. No. 29,541 |
| Signature               |                                    |                 |
| Date                    | September 7, 2004                  |                 |

**CERTIFICATE OF TRANSMISSION/MAILING**

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| Typed or printed name | Tiffany Wu |      |                   |
| Signature             |            | Date | September 7, 2004 |

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On a/10/04

TOWNSEND and TOWNSEND and CREW LLP

By: 

Tiffany Wu

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

PAVLOVSKAIA, ELENA et al.

Application No.: 10/633,015

Filed: July 31, 2003

For: SYSTEMS AND METHODS FOR  
REMOVING GINGIVA FROM  
COMPUTER TOOTH MODELS

Examiner: Unassigned

Art Unit: Unassigned

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

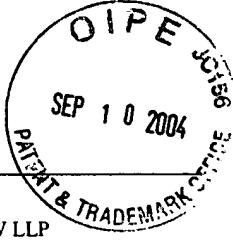
Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Electronic copies of the references are enclosed on 1 CD-ROM disk.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

The references cited in the accompanying PTO/SB/08A and PTO/SB/08B, were identified by either or both parties in litigation between Align Technology, Inc., assignee of the above-referenced patent application, and Ormco Corporation in case no. SACV 03-16-GLT

**PATENT**  
Attorney Docket No.: 018563-002920US  
Client Reference No.: AT-00084.2

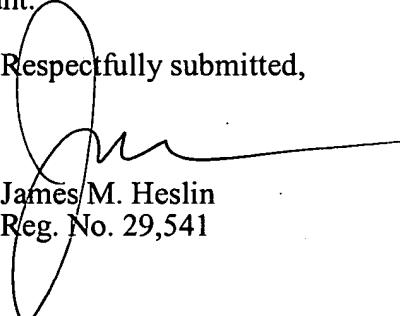


(ANX) before the U.S. District Court, Central District of California, Southern Division, as being potentially relevant to the design, fabrication, and/or use of removable orthodontic appliances and/or to the use of computers or other automatic means for calculating final or intermediate tooth positions for orthodontic treatment.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

  
James M. Heslin  
Reg. No. 29,541

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PTO/SB/08A (08-03)



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

|                      |                    |  |  | Complete if Known |  |
|----------------------|--------------------|--|--|-------------------|--|
| Application Number   | 10/633,015         |  |  |                   |  |
| Filing Date          | July 31, 2003      |  |  |                   |  |
| First Named Inventor | PAVLOVSKAIA, ELENA |  |  |                   |  |
| Art Unit             | 3732               |  |  |                   |  |
| Examiner Name        | Unassigned         |  |  |                   |  |

|       |   |    |    |                        |                 |
|-------|---|----|----|------------------------|-----------------|
| Sheet | 1 | of | 10 | Attorney Docket Number | 018563-002920US |
|-------|---|----|----|------------------------|-----------------|

## U.S. PATENT DOCUMENTS+

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number<br>Number Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|-------------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
|                    | AA                    | 2,467,432                                                   | 04-19-1949                     | Kesling                                            |                                                                                 |
|                    | AB                    | 3,660,900                                                   | 05-09-1972                     | Andrews                                            |                                                                                 |
|                    | AC                    | 3,860,803                                                   | 01-14-1975                     | Levine                                             |                                                                                 |
|                    | AD                    | 3,916,526                                                   | 11-04-1975                     | Schudy                                             |                                                                                 |
|                    | AE                    | 3,950,851                                                   | 04-20-1976                     | Bergersen                                          |                                                                                 |
|                    | AF                    | 4,014,096                                                   | 03-29-1977                     | Dellinger                                          |                                                                                 |
|                    | AG                    | 4,195,046                                                   | 03-25-1980                     | Kesling                                            |                                                                                 |
|                    | AH                    | 4,324,546                                                   | 04-13-1982                     | Heitlinger et al.                                  |                                                                                 |
|                    | AI                    | 4,348,178                                                   | 09-07-1982                     | Kurz                                               |                                                                                 |
|                    | AJ                    | 4,478,580                                                   | 10-23-1984                     | Barrut                                             |                                                                                 |
|                    | AK                    | 4,504,225                                                   | 03-12-1985                     | Yoshii                                             |                                                                                 |
|                    | AL                    | 4,505,673                                                   | 03-19-1985                     | Yoshii                                             |                                                                                 |
|                    | AM                    | 4,575,805                                                   | 03-11-1986                     | Moermann , et al.                                  |                                                                                 |
|                    | AN                    | 4,611,288                                                   | 09-09-1986                     | Duret et al.                                       |                                                                                 |
|                    | AO                    | 4,656,860                                                   | 04-14-1987                     | Orthuber et al.                                    |                                                                                 |
|                    | AP                    | 4,663,720                                                   | 05-05-1987                     | Duret et al.                                       |                                                                                 |
|                    | AQ                    | 4,742,464                                                   | 05-03-1988                     | Duret et al.                                       |                                                                                 |
|                    | AR                    | 4,755,139                                                   | 07-05-1988                     | Abbatte et al.                                     |                                                                                 |
|                    | AS                    | 4,763,791                                                   | 08-16-1988                     | Halverson et al.                                   |                                                                                 |
|                    | AT                    | 4,793,803                                                   | 12-27-1988                     | Martz                                              |                                                                                 |
|                    | AU                    | 4,798,534                                                   | 01-17-1989                     | Breads                                             |                                                                                 |
|                    | AV                    | 4,837,732                                                   | 06-06-1989                     | Brandestini et al.                                 |                                                                                 |
|                    | AW                    | 4,850,864                                                   | 07-25-1989                     | Diamond                                            |                                                                                 |
|                    | AX                    | 4,856,991                                                   | 08-15-1989                     | Breads et al.                                      |                                                                                 |
|                    | AY                    | 4,936,862                                                   | 06-26-1990                     | Walker et al.                                      |                                                                                 |
|                    | AZ                    | 4,937,928                                                   | 07-03-1990                     | van der Zel                                        |                                                                                 |
|                    | BA                    | 4,964,770                                                   | 10-23-1990                     | Steinbichler et al.                                |                                                                                 |
|                    | BB                    | 4,975,052                                                   | 12-04-1990                     | Spencer et al.                                     |                                                                                 |
|                    | BC                    | 5,011,405                                                   | 04-30-1991                     | Lemchen                                            |                                                                                 |
|                    | BD                    | 5,017,133                                                   | 05-21-1991                     | Miura                                              |                                                                                 |
|                    | BE                    | 5,027,281                                                   | 06-25-1991                     | Rekow et al.                                       |                                                                                 |
|                    | BF                    | 5,035,613                                                   | 07-30-1991                     | Breads et al.                                      |                                                                                 |
|                    | BG                    | 5,055,039                                                   | 10-08-1991                     | Abbatte et al.                                     |                                                                                 |
|                    | BH                    | 5,059,118                                                   | 10-22-1991                     | Breads et al.                                      |                                                                                 |
|                    | BI                    | 5,100,316                                                   | 03-31-1992                     | Wildman                                            |                                                                                 |
|                    | BJ                    | 5,121,333                                                   | 06-09-1992                     | Riley et al.                                       |                                                                                 |
|                    | BK                    | 5,128,870                                                   | 07-07-1992                     | Erdman et al.                                      |                                                                                 |
|                    | BL                    | 5,131,843                                                   | 07-21-1992                     | Hilgers et al.                                     |                                                                                 |
|                    | BM                    | 5,131,844                                                   | 07-21-1992                     | Marinaccio et al.                                  |                                                                                 |
|                    | BN                    | 5,139,419                                                   | 08-18-1992                     | Andreiko et al.                                    |                                                                                 |
|                    | BO                    | 5,184,306                                                   | 02-02-1993                     | Erdman et al.                                      |                                                                                 |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

60300913 v1

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|------------------------------------------------------------------------------------------------------|---|----|----|--------------------------|--------------------|
| Substitute for form 1449A/PTO                                                                        |   |    |    | <b>Complete if Known</b> |                    |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(use as many sheets as necessary)</i> |   |    |    | Application Number       | 10/633,015         |
| Sheet                                                                                                | 2 | of | 10 | Filing Date              | July 31, 2003      |
|                                                                                                      |   |    |    | First Named Inventor     | PAVLOVSKAIA, ELENA |
|                                                                                                      |   |    |    | Art Unit                 | 3732               |
|                                                                                                      |   |    |    | Examiner Name            | Unassigned         |
|                                                                                                      |   |    |    | Attorney Docket Number   | 018563-002920US    |

| <b>U.S. PATENT DOCUMENTS+</b> |                       |                                                                      |                                |                                                    |                                                                                 |
|-------------------------------|-----------------------|----------------------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| Examiner Initials*            | Cite No. <sup>1</sup> | Document Number<br>Number Kind Code <sup>2</sup> ( <i>if known</i> ) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or Relevant<br>Figures Appear |
|                               | BP                    | 5,186,623                                                            | 02-16-1993                     | Breads et al.                                      |                                                                                 |
|                               | BQ                    | 5,257,203                                                            | 10-26-1993                     | Riley et al.                                       |                                                                                 |
|                               | BR                    | 5,273,429                                                            | 12-28-1993                     | Rekow et al.                                       |                                                                                 |
|                               | BS                    | 5,278,756                                                            | 01-11-1994                     | Lemchen et al.                                     |                                                                                 |
|                               | BT                    | 5,338,198                                                            | 08-16-1994                     | Wu et al.                                          |                                                                                 |
|                               | BU                    | 5,340,309                                                            | 08-23-1994                     | Robertson                                          |                                                                                 |
|                               | BV                    | 5,342,202                                                            | 08-23-1994                     | Deshayes                                           |                                                                                 |
|                               | BW                    | 5,368,478                                                            | 11-29-1994                     | Andreiko et al.                                    |                                                                                 |
|                               | BX                    | 5,382,164                                                            | 01-17-1995                     | Stern                                              |                                                                                 |
|                               | BY                    | 5,395,238                                                            | 03-07-1995                     | Andreiko et al.                                    |                                                                                 |
|                               | BZ                    | 5,431,562                                                            | 11-11-1995                     | Andreiko et al.                                    |                                                                                 |
|                               | CA                    | 5,440,496                                                            | 08-08-1995                     | Andersson et al.                                   |                                                                                 |
|                               | CB                    | 5,447,432                                                            | 09-05-1995                     | Andersson et al.                                   |                                                                                 |
|                               | CC                    | 5,452,219                                                            | 09-19-1995                     | Dehoff et al.                                      |                                                                                 |
|                               | CD                    | 5,454,717                                                            | 10-03-1995                     | Andreiko et al.                                    |                                                                                 |
|                               | CE                    | 5,456,600                                                            | 10-10-1995                     | Andreiko et al.                                    |                                                                                 |
|                               | CF                    | 5,474,448                                                            | 12-12-1995                     | Andreiko et al.                                    |                                                                                 |
|                               | CG                    | 5,518,397                                                            | 05-21-1996                     | Andreiko et al.                                    |                                                                                 |
|                               | CH                    | 5,533,895                                                            | 07-09-1996                     | Andreiko et al.                                    |                                                                                 |
|                               | CI                    | 5,542,842                                                            | 08-06-1996                     | Andreiko et al.                                    |                                                                                 |
|                               | CJ                    | 5,549,476                                                            | 08-27-1996                     | Stern                                              |                                                                                 |
|                               | CK                    | 5,587,912                                                            | 12-24-1996                     | Andersson et al.                                   |                                                                                 |
|                               | CL                    | 5,605,459                                                            | 02-25-1997                     | Kuroda et al.                                      |                                                                                 |
|                               | CM                    | 5,607,305                                                            | 03-04-1997                     | Andersson et al.                                   |                                                                                 |
|                               | CN                    | 5,645,421                                                            | 07-08-1997                     | Slootsky                                           |                                                                                 |
|                               | CO                    | 5,655,653                                                            | 08-12-1997                     | Chester                                            |                                                                                 |
|                               | CP                    | 5,683,243                                                            | 11-04-1997                     | Andreiko et al.                                    |                                                                                 |
|                               | CQ                    | 5,733,126                                                            | 03-31-1998                     | Andersson et al.                                   |                                                                                 |
|                               | CR                    | 5,740,267                                                            | 04-14-1998                     | Echerer et al.                                     |                                                                                 |
|                               | CS                    | 5,975,893                                                            | 11-02-1999                     | Chishti et al.                                     |                                                                                 |

| <b>FOREIGN PATENT DOCUMENTS</b> |                       |                           |                     |                                            |                                                       |                                                                                    |
|---------------------------------|-----------------------|---------------------------|---------------------|--------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                            | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                                 |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> ( <i>if known</i> ) |                                                       |                                                                                    |
|                                 | CT                    | EP                        | 091,876             | A1                                         | 10-19-1983                                            | Duret                                                                              |
|                                 | CU                    | EP                        | 299,490             | A2                                         | 01-18-1989                                            | Steinbichler et al.                                                                |
|                                 | CV                    | EP                        | 376,873             | A2                                         | 07-04-1990                                            | Shafir                                                                             |
|                                 | CW                    | EP                        | 490,848             | B1                                         | 06-17-1992                                            | Andersson et al.                                                                   |
|                                 | CX                    | EP                        | 541,500             | A1                                         | 06-12-1998                                            | Andersson et al.                                                                   |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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|                               |   |    |    | Application Number              | 10/633,015         |
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|                               |   |    |    | Art Unit                        | 3732               |
|                               |   |    |    | Examiner Name                   | Unassigned         |
| Sheet                         | 3 | of | 10 | Attorney Docket Number          | 018563-002920US    |

| <b>FOREIGN PATENT DOCUMENTS</b> |                       |                           |                     |                                   |                                                 |                                                                           |
|---------------------------------|-----------------------|---------------------------|---------------------|-----------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|
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|                                 | CY                    | EP                        | 731,673             | B1                                | 09-18-1998                                      | Andersson et al.                                                          |
|                                 | CZ                    | EP                        | 774,933             | B1                                | 05-28-1997                                      | Oden et al.                                                               |
|                                 | DA                    | FR                        | 2,652,256           | A1                                | 03-29-1991                                      | Jourda                                                                    |
|                                 | DB                    | FR                        | 2,369,828           | A1                                | 06-02-1978                                      | Suyehiro                                                                  |
|                                 | DC                    | WO                        | 90/08,512           | A1                                | 08-09-1990                                      | Lemcren                                                                   |
|                                 | DD                    | WO                        | 91/04,713           | A1                                | 04-18-1991                                      | Jourda et al.                                                             |
|                                 | DE                    | WO                        | 94/10,935           | A1                                | 05-26-1994                                      | Andreiko et al.                                                           |
|                                 | DF                    | WO                        | 98/44,865           | A1                                | 10-15-1998                                      | Andersson                                                                 |
|                                 | DG                    | WO                        | 98/58,596           | A1                                | 12-30-1998                                      | Chishti et al.                                                            |

|                    |                 |
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|                                                                                                      |   |    |    |                          |                    |
|------------------------------------------------------------------------------------------------------|---|----|----|--------------------------|--------------------|
| Substitute for form 1449B/PTO                                                                        |   |    |    | <b>Complete if Known</b> |                    |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(use as many sheets as necessary)</i> |   |    |    | Application Number       | 10/633,015         |
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|                                                                                                      |   |    |    | Art Unit                 | 3732               |
|                                                                                                      |   |    |    | Examiner Name            | Unassigned         |
| Sheet                                                                                                | 4 | of | 10 | Attorney Docket Number   | 018563-002920US    |

| <b>NON PATENT LITERATURE DOCUMENTS</b> |                       |                                                                                                                                                                                                                                                                                                  |  |  |                |
|----------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----------------|
| Examiner Initials *                    | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                                  |  |  | T <sup>2</sup> |
|                                        | DH                    | ALEXANDER et al., "The DigiGraph Work Station Part 2, Clinical Management," <i>JCO</i> (July 1990), pp. 402-407.                                                                                                                                                                                 |  |  |                |
|                                        | DI                    | ALTSCHULER et al., "Laser Electro-Optic System for Rapid Three-Dimensional (3D) Topographic Mapping of Surfaces," <i>Optical Engineering</i> , Vol. 20(6) (1981), pp. 953-961.                                                                                                                   |  |  |                |
|                                        | DJ                    | ALTSCHULER et al., "Measuring Surfaces Space-Coded by a Laser-Projected Dot Matrix," <i>SPIE Imaging Applications for Automated Industrial Inspection and Assembly</i> , vol. 182 (1979), p. 187-191.                                                                                            |  |  |                |
|                                        | DK                    | ALTSCHULER et al., "Analysis of 3-D Data for Comparative 3-D Serial Growth Pattern Studies of Oral-Facial Structures," Program and Abstracts of Papers, Feb. 1975, <i>Journal of Dental Research</i> , Vol. 54, IADR Abstracts 1979, 2 pages total.                                              |  |  |                |
|                                        | DL                    | ALTSCHULER, "3D Mapping of Maxillo-Facial Prostheses," AADR Abstract #607, 1980, 2 pages total..                                                                                                                                                                                                 |  |  |                |
|                                        | DM                    | American Association for Dental Research, Summary of Activities, March 20-23, 1980, Los Angeles, CA, p. 195.                                                                                                                                                                                     |  |  |                |
|                                        | DN                    | ANDERSSON et al., "Clinical Results with Titanium Crowns Fabricated with Machine Duplication and Spark Erosion," <i>Acta Odontologica Scandinavica</i> , vol. 47 (1989), pp. 279-286.                                                                                                            |  |  |                |
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|                                        | DQ                    | BAUMRIND et al., "Seminars in Orthodontics," <i>Seminars in Orthodontics</i> , Vol. 7, No. 4 (Dec. 2001), p. 222.                                                                                                                                                                                |  |  |                |
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|                                        | DS                    | BAUMRIND, "Integrated Three-Dimensional Craniofacial Mapping: Background, Principles, and Perspectives," <i>Seminars in Orthodontics</i> , Vol. 7, No. 4 (Dec. 2001), pp. 223-232.                                                                                                               |  |  |                |
|                                        | DT                    | BEGOLE et al., "A Computer System for the Analysis of Dental Casts," <i>The Angle Orthodontist</i> , Vol. 51 No. 3 (July 1981), pp. 253-259.                                                                                                                                                     |  |  |                |
|                                        | DU                    | BERNARD et al., "Computerized diagnosis in Orthodontics for Epidemiological Studies" (progress report), Abstracts of Papers, <i>Journal of Dental Research</i> ; Vol. 71, Special Issue March 1-14, 1992, pp. 28-36.                                                                             |  |  |                |
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|                                        | DY                    | BRANDESTINI et al., "Computer Machined Ceramic Inlays: In Vitro Marginal Adaptation," <i>Journal of Dental Research</i> , Vol. 64/Special Issue/Abstracts, IADR/AADR Abstracts 1985, 1 page total.                                                                                                                                   |  |  |                |
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|                                        | EB                    | BURSTONE et al., "Precision adjustment of the transpalatal lingual arch: Computer arch form predetermination," <i>Am. Journal of Orthodontics</i> , Vol. 79, No. 2 (Feb. 1981), pp. 115-133.                                                                                                                                         |  |  |                |
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|                                        | EO                    | Dental Institute University of Zurich Switzerland, Program for International Symposium on Computer Restorations: State of the Art of the CEREC-Method, May 1991, 3 pages total.                                                                                 |  |  |                |
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|                                        | EQ                    | DURET et al., "CAD-CAM in Dentistry," <i>Journal of the American Dental Association</i> , Vol. 117 (Nov. 1988), pp. 715-720.                                                                                                                                    |  |  |                |
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|                                        | ES                    | DURET, "The Dental CAD/CAM, General Description of the Project," <i>Hennson International Product Brochure</i> , Jan. 1986., 18 pages total.                                                                                                                    |  |  |                |
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|                                        | EU                    | ECONOMIDES, "The Microcomputer in the Orthodontic Office," <i>JCO</i> , (Nov. 1979), pp. 767-772.                                                                                                                                                               |  |  |                |
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|                                        | EW                    | FABER et al., "Computerized interactive orthodontic treatment planning," <i>Am. J. Orthod.</i> , Vol. 73, No. 1 (Jan. 1978), pp. 36-46.                                                                                                                         |  |  |                |
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|                                        | EY                    | FRIEDE et al., "Accuracy of Cephalometric Prediction in Orthognathic Surgery," Abstract of Papers, <i>Journal of Dental Research</i> , Vol. 70 (1987), pp. 754-760.                                                                                             |  |  |                |
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|                                        | FA                    | GRAYSON, "New Methods for Three Dimensional Analysis of Craniofacial Deformity," Symposium: Computerized Facial Imaging in Oral and Maxillofacial Surgery, AAOMS Sept. 13, 1990, 3 pages total.                                                                 |  |  |                |
|                                        | FB                    | GUESS et al., "Computer Treatment Estimates in Orthodontics and Orthognathic Surgery," <i>JCO</i> , (April, 1989), pp. 262-28.                                                                                                                                  |  |  |                |
|                                        | FC                    | HEAVEN et al., "Computer-based Image Analysis of Artificial Root Surface Caries," "Automated Identification of Landmarks in Cephalometric Radiographs," Abstracts of Papers, <i>Journal of Dental Research</i> , Vol. 67, March 9-13, 1988, 2 pages total.      |  |  |                |

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|                                        | FF                    | Inside the ADA, <i>Journal Of The American Dental Assoc.</i> , Vol. 118 (March 1989) 9 pages total.                                                                                                                                                             |  |                |
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|                                        | GJ                    | REKOW, "Feasibility of an Automated System for Production of "Dental Restorations," PhD Thesis, Univ. of Minnesota, Nov. 1988, 244 pages total.                                                                                                                 |  |                |
|                                        | GK                    | RICHMOND et al., Research Reports, "The development of a 3D Cast Analysis System," <i>British Journal of Orthodontics</i> , pp. 53-54.                                                                                                                          |  |                |
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|                                        | GT                    | STOLL et al., "Computer-aided Technologies in Dentistry" (Article Summary in English, article in German), <i>Dtsch Zahnärztl Z</i> 45, 314-322, 1990.                                                                                                           |  |                |
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| Substitute for form 1449B/PTO                            |    |    |    | <b>Complete if Known</b>      |                    |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |    |    |    | <i>Application Number</i>     | 10/633,015         |
|                                                          |    |    |    | <i>Filing Date</i>            | July 31, 2003      |
|                                                          |    |    |    | <i>First Named Inventor</i>   | PAVLOVSKAIA, ELENA |
|                                                          |    |    |    | <i>Art Unit</i>               | 3732               |
|                                                          |    |    |    | <i>Examiner Name</i>          | Unassigned         |
| Sheet                                                    | 10 | of | 10 | <i>Attorney Docket Number</i> | 018563-002920US    |

| <b>NON PATENT LITERATURE DOCUMENTS</b> |                       |                                                                                                                                                                                                                                                                            |  |                |
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| Examiner Initials *                    | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.            |  | T <sup>2</sup> |
|                                        | GZ                    | VAN DER ZEL, "Ceramic-fused-to-metal Restorations with a New CAD/CAM System," <i>Quintessence International</i> , vol. 24(11) (1993), pp. 769-778.                                                                                                                         |  |                |
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|                                        | HB                    | WARUNEK et al., "Clinical use of silicone elastomer appliances" <i>JCO, MH</i> (10):694-700, 1989.                                                                                                                                                                         |  |                |
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